DECLARATION AND POWER OF ATTORNEY

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship is as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if more than one name is listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled GAS SPECIE ELECTRON-JUMP CHEMICAL ENERGY CONVERTER, the specification of which is being filed herewith as a U.S Patent Application.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, § 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

PRIOR FOREIGN APPLICATION(S)

- None -

I hereby claim the benefit under Title 35, United States Code, §§ 119(e) of any United States provisional application(s) listed below:

PRIOR PROVISIONAL APPLICATION(S)

Application No.

Filing Date

60/290,058

May 10, 2001

I hereby claim the benefit under Title 35, United States Code § 120, of any United States application(s) listed below or under § 365(c) of any PCT international application(s) designating the United States of America listed below, and insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application(s) in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

PARENT APPLICATION(S)

- None -

And I hereby appoint James David Jacobs (Reg. No. 24,299) and Frank M. Gasparo (Reg. No. 44,700) as my attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

Please address all communications regarding this application to:

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Please direct all telephone calls to Frank M. Gasparo at (212) 751-5700.

I hereby declare that all statements made herein of my/our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful and false statements may jeopardize the validity of the application or any patent issued thereon.

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